

21st Century Center of Excellence (COE) Program

International COE Forum on Pulsed Power Science

September 4; The 100th Anniversary Hall, Faculty of Engineering, Kumamoto University

Invited Talks

- 9 : 00 – 10 : 00 Hansjoachim Bluhm (Forschungszentrum Karlsruhe GmbH, Germany)
"Recent results on underwater streamer discharges"
- 10 : 00 – 11 : 00 Choong-Shik Yoo (Washington State University, USA)
"High pressure materials research using advanced light sources"
- 11 : 15 – 12 : 15 Edl Schamiloglu (University of New Mexico, USA)
"Pulsed Power Radiation Sources, from Microwaves to THz"
- 13 : 45 – 14 : 15 Introduction to International Research Consortium for Shock & Static
High-Pressure Research (Tutomu Mashimo, David Rubie, Hans Keppler
and Yogendra M. Gupta)
- 14 : 15 – 15 : 15 Yogendra M. Gupta (Washington State University, USA)
"Understanding Condensed Matter Dynamics in Shock Compression
Experiments"
- 15 : 30 – 16 : 30 David J. Hemmert (HEM Technologies, USA)
"Research studies in ultra-compact pulse power sources, electromagnetic
launcher control, and electro-explosive engineering"
- 16 : 30 – 17 : 30 Kai Kadau (Los Alamos National Laboratory, USA)
"Atomistic View of Shock Induced Phase Transformations"

September 5; Hotel Greenpia Minami Aso (<http://www.hgp-minamiaso.com/>)

Young Researcher Training seminar

- 8 : 40 Departure from Kumamoto University to Greenpia Minami Aso by bus
- 10 : 30 – 12 : 30 Oral session (3 minutes for every one)
- 12 : 30 – 13 : 30 Lunch
- 13 : 30 – 14 : 00 Group photograph
- 14 : 00 – 17 : 00 Poster session for young researchers
- 18 : 30 – 20 : 30 Social gathering and free discussions

September 6; Hotel Greenpia Minami Aso

Young Researcher Training seminar

- 7 : 00 – 8 : 30 Breakfast
- 9 : 00 – 10 : 15 Presentations (15 minutes each) by COE-RA
- 10 : 15 – 10 : 45 Award ceremony and comment from invitees
- 11 : 00 – Free discussions and departure from Greenpia Minami Aso to
Kumamoto University by bus